

IN THE CLAIMS

Upon entry of the present response, the status of the claims will be as is shown below. The present listing of claims ~~supersedes~~ all prior versions and listings of claims.

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1. (Currently amended) A method for designing a customized user interface for users, comprising:
- categorizing a user population into at least two groups based on at least one of user behavioral characteristics and user preferences, describing the categorized user behavioral characteristics and user preferences, and modeling the described behavioral characteristics and user preferences using qualitative and quantitative models; and
- applying said models ~~into~~ to interface design, interactive interface testing, and interface system deployment.
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2. (Currently amended) The method according to claim 1, ~~wherein the step of categorizing, the describing, and the modeling being a user population into groups using qualitative and quantitative models is based upon Categorize-Describe-Model (CDM) methodology.~~
3. (Currently amended) A method for designing a customized user interface for users, comprising:
- categorizing at least two users into at least two groups based on at least one of user behaviors and user preferences, and describing the categorized user behaviors and user preferences;

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validating targeted user behaviors and user preferences;
~~capturing emergent behaviors and preferences;~~
tracking design requirements for the validated user behaviors and user preferences
and implementations;
~~accommodating diversity in performance and preference during interactive testing;~~
and
customizing a different user interface design to for each of the at least two groups
according to the design requirements users.

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4. (Original) The method according to claim 3, further comprising incorporating
said user interface into a graphical user interface (GUI) of a sales and billing negotiation
system.

5. (Original) The method according to claim 3, further comprising incorporating
said user interface into a telephone system.

6. (Original) The method according to claim 3, further comprising incorporating
said user interface based a on graphical user interface (GUI) provided on the Internet.

7. (Original) The method according to claim 3, further comprising incorporating
said user interface into an interactive graphic user interface (GUI) system.

8. (Original) The method according to claim 3, further comprising incorporating
said user interface into an automated teller machine.

9. (Original) The method according to claim 3, further comprising incorporating

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said user interface into a computer operating system.

10. (Original) The method according to claim 3, further comprising incorporating said user interface into a television programming interface.

11. (Currently amended) A method for designing a customized user interface for users, comprising:

categorizing a user population into distinctive groups, and describing behaviors and preferences of the user population for each distinctive group in which said users' behaviors are described;

modeling said categorized user population using described behaviors and preferences ~~Categorize-Describe-Model (CDM) methodology;~~

documenting and validating pre-determined ~~user characteristics as indicated by initially grouping characteristics, including targeted behaviors and preferences, derived through said CDM methodology;~~

~~capturing new user characteristics that emerge;~~

~~simultaneously tracking design requirements~~ for the validated behaviors and preferences ~~and implementations on both micro and macro levels;~~

~~accommodating variability and diversity in performance and preference during iterative testing by integrating user-customization into a design by creating a user-profile in which the users select various navigation preferences and information display choices that can be applied throughout the interface; and~~

customizing a different user interface for each group of users according to the design requirements; and

iteratively testing the design

~~wherein a customized user interface is developed as an end-product.~~

12. (Original) The method according to claim 11, further comprising incorporating said user interface into a graphical user interface (GUI) of a sales and billing negotiation system.

13. (Original) The method according to claim 11, further comprising incorporating said user interface into a telephone system.

A 14. (Original) The method according to claim 11, further comprising incorporating said user interface based a on graphical user interface (GUI) provided on the Internet.

15. (Original) The method according to claim 11, further comprising incorporating said user interface into an interactive graphic user interface (GUI) system.

16. (Original) The method according to claim 11, further comprising incorporating said user interface into an automated teller machine.

17. (Original) The method according to claim 11, further comprising incorporating said user interface into a computer operating system.

18. (Original) The method according to claim 11, further comprising incorporating said user interface into a television programming interface.